Index

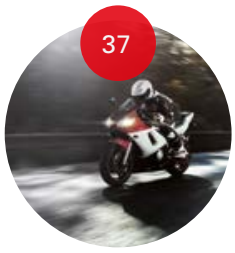
Automotive



Passenger Cars & Light Vehicles



Truck & Bus



Motorbike

Industrial & Heavy Duty



45 Electromagnetic & Electronic Horns

53 Air Horns

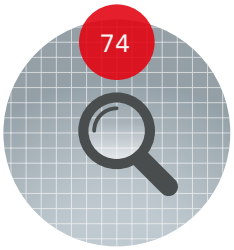
61 Back-up Alarms

Marine

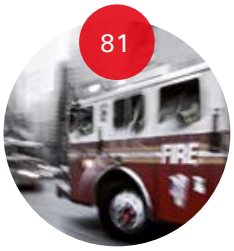


All

Emergency



System overview



Fire Brigades



Police Forces



Ambulances

Miscellaneous



Musical Horns



Compressors



Relays & Valves



Gas Horns

FIAMM

Acoustic Devices

The Power of Communication

Emergency



THE WORLD'S
LARGEST
MANUFACTURER
OF CAR HORNS

Fire Brigades | Police Forces | Ambulances



FIAMM

Acoustic Devices

The Power of Communication

PS10 SYSTEM CHOICE

A > Choose your country [ ]

B > Choose your special force [ ]

1 Now you can read the code of your electronic module

C > Choose your vehicle type car, van, truck

2 Now you can read on the left the code of your loudspeaker

3 Complete your system with the mandatory connection cable

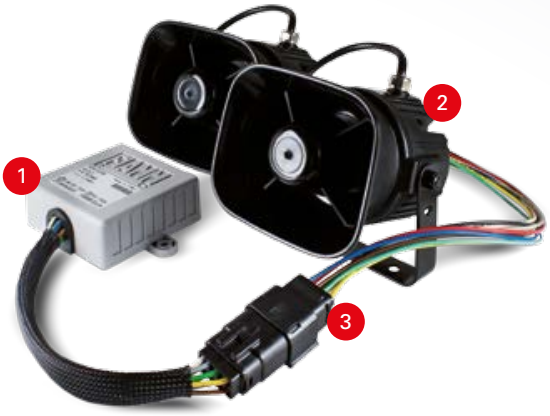
1 ELECTRONIC MODULES

Fire Brigades
Sapeurs-Pompiers
Feuerwehr

Ambulance
Ambulance
Krankenwagen

Police Forces
Forces de Police
Polizeikräfte

	Italy			France						
	PS10 AMB-POMP-I COD. 951001	PS10 AMB-POMP-WY-I COD. 951062	PS10 POL-I COD. 951013	PS10 AMB-F COD. 951004	PS10 UMH-F COD. 951006	PS10 AMB-UMH-F COD. 951059	PS10 GEN-F COD. 951007	PS10 POL-F COD. 951008	PS10 SPO-F COD. 951005	PS10 SPO-F 24V COD. 951023
2 LOUDSPEAKERS										
LOUDSPEAKER FB COD. 951051	TRUCK 1 module + • 2 loudspeakers			TRUCK 1 module + • 2 loudspeakers						TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER NB COD. 951054	TRUCK 1 module + • 2 loudspeakers			TRUCK 1 module + • 2 loudspeakers						TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FM COD. 951052	CAR | VAN | TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)			CAR | VAN | TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)						TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FMW COD. 951077	CAR | VAN | TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)			CAR | VAN | TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)						TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FS COD. 951053	CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)			CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)						-
LOUDSPEAKER NS COD. 951056	CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)			CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)						-
LOUDSPEAKER NSC COD. 951055	MOTORBIKE | CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)			MOTORBIKE | CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)						-
3 CONNECTION CABLE COD. 951057	MANDATORY FOR ALL SYSTEMS | OBLIGATOIRE POUR TOUS LES SYSTÈMES | FÜR ALLE SYSTEME ERFORDERLICH									



THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

Netherlands		Belgium		United Kingdom		Austria		Germany Switzerland	Latin America	Usa International
PS10 EMER-N COD. 951028	PS10 EMER-N SLOW COD. 951089	PS10 EMER-B COD. 951078	PS10 SPO-B NIGHT COD. 951091	PS10 EMER-UK COD. 951035	PS10 EMER-WY-UK COD. 951034	PS10 AMB-A COD. 951046	PS10 FEUER-A COD. 951064	PS10 EMER-D COD. 951060	PS10 USSOUND COD. 951061	PS10 USSOUND-WY COD. 951063
TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		
TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		
CAR | VAN | TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR | VAN | TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR | VAN | TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR | VAN | TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR | VAN | TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)		
CAR | VAN | TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR | VAN | TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR | VAN | TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR | VAN | TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR | VAN | TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)		
CAR | VAN 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van)		CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		
CAR | VAN 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van)		CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR | VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		
MOTORBIKE | CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE | CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE | CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE | CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE | CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)		

MANDATORY FOR ALL SYSTEMS | OBLIGATOIRE POUR TOUS LES SYSTÈMES | FÜR ALLE SYSTEME ERFORDERLICH

FIAMM

Acoustic Devices

The Power of Communication

MC4 SYSTEM CHOICE

A > Choose your country [ ]

B > Choose your special force [ ]

1 Now you can read the code of your compressor

C > Choose your vehicle type

2 Now you can read on the left the code of your trumpets

3 Lubricator included in the compressor code

1 COMPRESSOR

Fire Brigades
Sapeurs-Pompiers
Feuerwehr

Ambulance
Ambulance
Krankenwagen

Police Forces
Forces de Police
Polizeikräfte

	Italy			Netherlands		Belgium	United Kingdom	
	MC4 FDS 12V COD. 921084	MC4 FVA 12V COD. 921077	MC4 FVA 24V COD. 921078	MC4 FALG 12V COD. 921121	MC4 FALG 24V COD. 921122	MC4 FI 24V COD. 921124	MC4 FI 12V COD. 921123	MC4 FI 24V COD. 921124
2 TRUMPETS								
TA/2 906-V COD. 920392	CAR | VAN 1 compressor + • 1 set of trumpets							
TA/2 906-C COD. 920393	CAR | VAN 1 compressor + • 1 set of trumpets							
TA/2 VA-V COD. 920395		CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets					
TA/2 GA-V COD. 920615				CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets			
TA/2 GB-V COD. 920616				CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets			
TA/2 BL-C COD. 920629						TRUCK 1 compressor + • 1 set of Trumpets	CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compr. + • 1 set of Trumpets
TA/2 BL-V COD. 920396						TRUCK 1 compressor + • 1 set of Trumpets	CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compr. + • 1 set of Trumpets
TA/2 DE-B COD. 920397								
TA/4 906-C COD. 920394								
3 LUBRICATOR COD. 920617	ALWAYS INCLUDED WITH THE COMPRESSOR, IN CASE ALSO AVAILABLE AS A SPARE PART							



THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

Austria			Germany		Switzerland		International		✓ = included | • = optional
MC4 FD 12V COD. 921116	MC4 FA 12V COD. 921118	MC4 FA 24V COD. 921119	MC4 FD 12V COD. 921116	MC4 FD 24V COD. 921117	MC4 FD 12V COD. 921116	MC4 FD 24V COD. 921117	MC4 FI 12V COD. 921123	MC4 FI 24V COD. 921124	SPOILER COD. 920618
CAR | VAN 1 compr. + • 1 set of Trumpets			CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR | VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	✓
CAR | VAN 1 compr. + • 1 set of Trumpets			CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR | VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	✓
									✓
									•
									•
									•
									•
	CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets							•
			CAR | VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets			CAR | VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	✓

ALWAYS INCLUDED WITH THE COMPRESSOR, IN CASE ALSO AVAILABLE AS A SPARE PART

FIAMM

Acoustic Devices

The Power of Communication

PS20 SYSTEM CHOICE

A > Choose your country [ ]

B > Choose your special force [ ]

1 Now you can read the code of your electronic control unit

C > Choose your vehicle type

2 Now you can read on the left the code of your trumpets

1 + ELECTRONIC CONTROL UNIT

Fire Brigades
Sapeurs-Pompiers
Feuerwehr

Ambulance
Ambulance
Krankenwagen

Police Forces
Forces de Police
Polizeikräfte

2 TRUMPETS	Italy			Belgium	United Kingdom		Germany	
	PS20 - POL - I 12V 951081	PS20 AMB/POMP - I 12V COD. 951082	PS20 AMB/POMP - I 24V COD. 951083	PS20 - HI-LO 24V COD. 951080	PS20 - HI-LO 12V COD. 951079	PS20 - HI-LO 24V COD. 951080	PS20 EMER - D 12V COD. 951084	PS20 EMER - D 24V COD. 951085
TA/2 906-V COD. 920392	CAR | VAN 1 electr. unit + • 1 set of Trumpets						CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets
TA/2 906-C COD. 920393	CAR | VAN 1 electr. unit + • 1 set of Trumpets						CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets
TA/2 VA-V COD. 920395		CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets					
TA/2 BL-C COD. 920629				TRUCK 1 electr. unit + • 1 set of Trumpets	CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets		
TA/2 BL-V COD. 920396				TRUCK 1 electr. unit + • 1 set of Trumpets	CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets		
TA/2 DE-B COD. 920397								
TA/4 906-C COD. 920394							CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets



THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

Austria				Switzerland		International		✓ = included | • = optional
PS20 EMER - D 12V COD. 951084	PS20 - FEUER -A 12V COD. 951087	PS20 - FEUER -A 24V COD. 951088	PS20 - FEUER -A 24V COD. 951086	PS20 EMER - D 12V COD. 951084	PS20 EMER - D 24V COD. 951085	PS20 - HI-LO 12V COD. 951079	PS20 - HI-LO 24V COD. 951080	SPOILER COD. 920618
CAR | VAN 1 electr. unit + • 1 set of Trumpets				CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR | VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	✓
CAR | VAN 1 electr. unit + • 1 set of Trumpets				CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR | VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	✓
								✓
								•
								•
	CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets					•
				CAR | VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR | VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	✓

Emergency
Fire Brigades



LOW HIGH

		Sound Power	Dimension	Lifespan		
ELECTRONIC SYSTEMS	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker	●●●	●	●●●	PS10 System	82
ELECTROPNEUMATIC SYSTEMS	Acoustic system composed by a compressor and a set of trumpets	●●●	●●	●●	MC4 System	86
PNEUMATIC SYSTEMS	Acoustic system composed by an electronic control unit and a set of trumpets	●●●	●	●●●	PS20 System	88

PS10 System

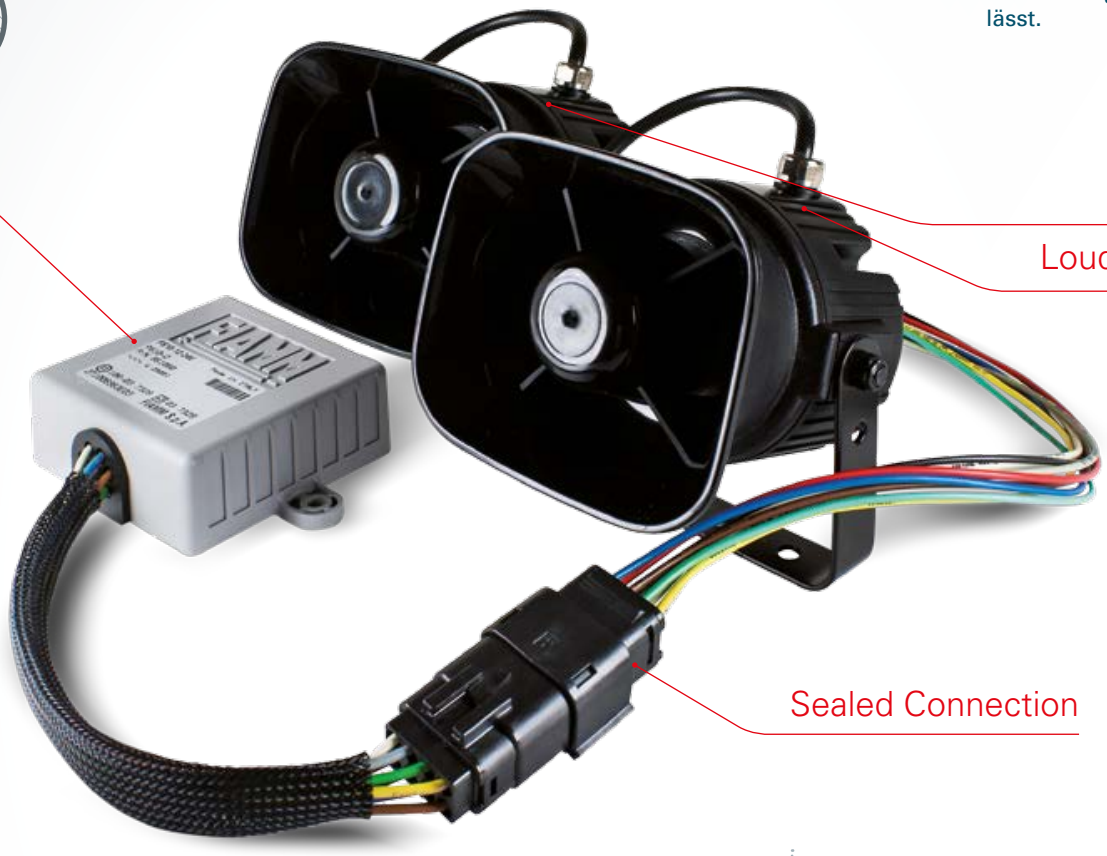
Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

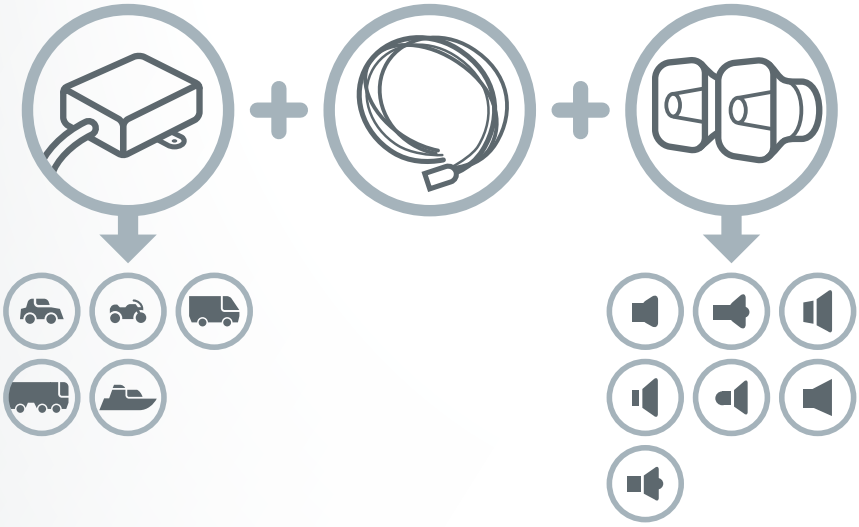
Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.



PS10
12V • 24V







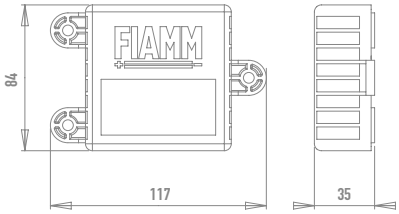
INTERNATIONAL Hi-Lo
AMERICAN SOUND Wail / Yelp
FRANCE
ITALY
GERMANY
AUSTRIA
SWITZERLAND
NETHERLANDS
UK
IBEROAMERICA

Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN



Flame retardant
PBT





Type approval
Homologation
Zulassung
Reg.10/National homologation if required

	Voltage Tension Spannung V	Amp. Draw Consommation Stromaufnahme A	Frequency Fréquence Frequenz Hz	Option	Country Pays Land	Minimum Order Quantity u.	Packaging
PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - FEUER-A COD. 951064	12 24	3,5 1,75	L = 392 H = 523	-	Austria	8	S
PS10 - AMB-POMP-I COD. 951001	12 24	3,5 1,75	L = 392 H = 660	-	Italy	8	S
PS10 - AMB-POMP-WY-I COD. 951062	12 24	3,5 1,75	L = 392 H = 523	Wail/Yelp	Italy	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10-SPO-B NIGHT COD. 951091	12 24	3,5 1,75	L = 440 H = 495	-	Belgium	8	S
PS10 - SPO-F COD. 951005	12 24	3,5 1,75	L = 435 H = 488	-	France	8	S
PS10 - SPO-F 24V COD. 951023 SPECIAL FOR 1 LOUDSPEAKER	24	1,75	L = 435 H = 488	-	France	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

Loud-speakers

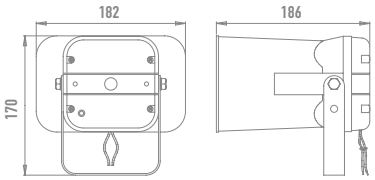
The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innern oder außen am Fahrzeug erhältlich sind.

LOUDSPEAKERS
HAUT-PARLEURS
LAUTSPRECHER







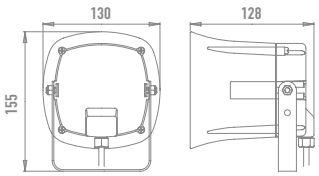
LOUDSPEAKER -FB
COD. 951051

Voltage Tension Spannung V	Decibel Décibels Schallpegel dB(A) 2m	Nominal power Puissance nominale Betriebleistung W	Peak power Puissance de crête Maximale Leistung W	Impedance Impédance Inpedanz Ohm	Minimum Order Quantity u.	Packaging
12 24	115	25	40	4	8	F12

ABS/ Ferrite Magnet

Degree of protection: **IP56**







LOUDSPEAKER -FM
COD. 951052

Voltage Tension Spannung V	Decibel Décibels Schallpegel dB(A) 2m	Nominal power Puissance nominale Betriebleistung W	Peak power Puissance de crête Maximale Leistung W	Impedance Impédance Inpedanz Ohm	Minimum Order Quantity u.	Packaging
12 24	114	25	40	4	8	G8

Degree of protection: **IP66**

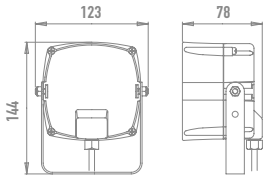
LOUDSPEAKER -FMW
COD. 951077
UV PROTECTION

Voltage Tension Spannung V	Decibel Décibels Schallpegel dB(A) 2m	Nominal power Puissance nominale Betriebleistung W	Peak power Puissance de crête Maximale Leistung W	Impedance Impédance Inpedanz Ohm	Minimum Order Quantity u.	Packaging
12 24	114	25	40	4	8	G8

ABS/ Ferrite Magnet

Degree of protection: **IP66**







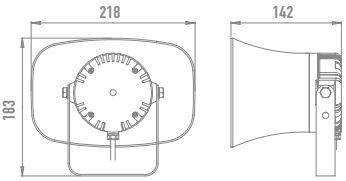
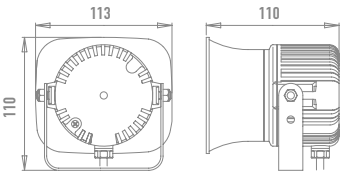
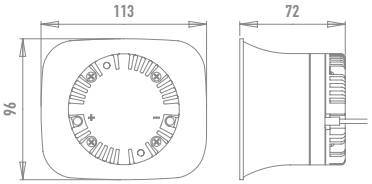
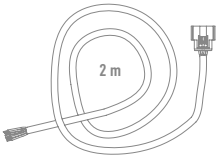
LOUDSPEAKER -FS
COD. 951053

Voltage Tension Spannung V	Decibel Décibels Schallpegel dB(A) 2m	Nominal power Puissance nominale Betriebleistung W	Peak power Puissance de crête Maximale Leistung W	Impedance Impédance Inpedanz Ohm	Minimum Order Quantity u.	Packaging
12 24	113	25	40	4	8	G8

ABS/ Ferrite Magnet

Degree of protection: **IP66**

LOUDSPEAKERS
HAUT-PARLEURS
LAUTSPRECHER

	Voltage Tension Spannung V	Decibel Décibels Schallpegel dB(A) 2m	Nominal power Puissance nominale Betriebleistung W	Peak power Puissance de crête Maximale Leistung W	Impedance Impédance Inpedanz Ohm	Minimum Order Quantity u.	Packaging
 LOUDSPEAKER -NB COD. 951054   	12 24	117	50	70	4	8	F12
ABS/ Neodymium Magnet				Degree of protection: **IP66**			
 LOUDSPEAKER -NSC COD. 951055   	12 24	113	20	30	4	8	G5
ABS/ Neodymium Magnet				Degree of protection: **IP66**			
 LOUDSPEAKER -NS COD. 951056   	12 24	113	20	30	4	16	G9
ABS/ Neodymium Magnet				Degree of protection: **IP66**			
 CONNECTION CABLE PS10 COD. 951057  							
			Degree of protection: **IP67**		4	16	I4
ABS							

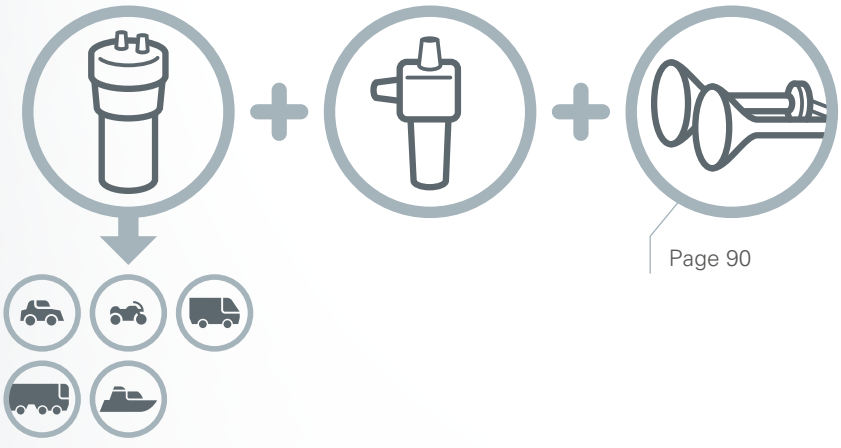
MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

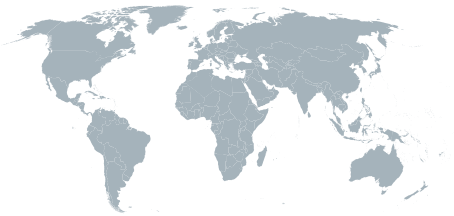
Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.





Page 90

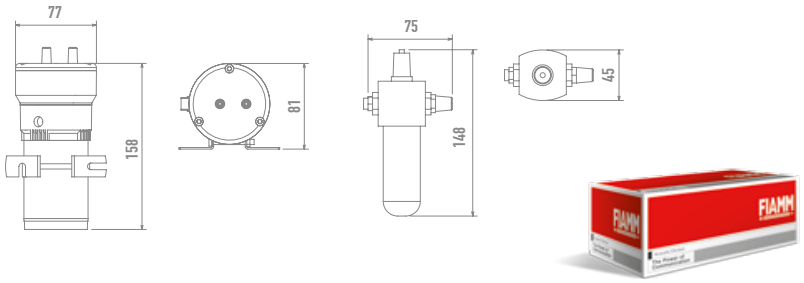


INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SPAIN
SWITZERLAND
NETHERLANDS
UK

Sounds / Sons / Klänge www.fiamm.com/Horns

COMPRESSORS
COMPRESSEURS
GEBLÄSE





Steel/Aluminium

	Voltage Tension Spannung V	Amp. Draw Consommation Stromaufnahme A	Country Pays Land	Type approval Omologation Zulassung	Minimum Order Quantity u.	Packaging
MC4 FA 12V + LUBRICATOR COD. 921118	12	17	Austria	Reg. 10 ECE	16	I11
MC4 FA 24V + LUBRICATOR COD. 921119	24	8	Austria	Reg. 10 ECE	16	I11
MC4 FALG 12V + LUBRICATOR COD. 921121	12	17	Netherlands	Reg. 10 ECE	16	I11
MC4 FALG 24V + LUBRICATOR COD. 921122	24	8	Netherlands	Reg. 10 ECE	16	I11
MC4 FD 12V + LUBRICATOR COD. 921116	12	17	Germany - Spain Austria (Amb) Switzerland	National/ Reg.10	16	I11
MC4 FD 24V + LUBRICATOR COD. 921117	24	8	Germany - Spain Austria (Amb) Switzerland	National/ Reg.10	16	I11
MC4 FI 12V + LUBRICATOR COD. 921123	12	17	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	16	I11
MC4 FI 24V + LUBRICATOR COD. 921124	24	8	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	16	I11
MC4 FVA 12V + LUBRICATOR COD. 921077	12	17	Italy	National/ Reg.10	16	I11
MC4 FVA 24V + LUBRICATOR COD. 921078	24	8	Italy	National/ Reg.10	16	I11

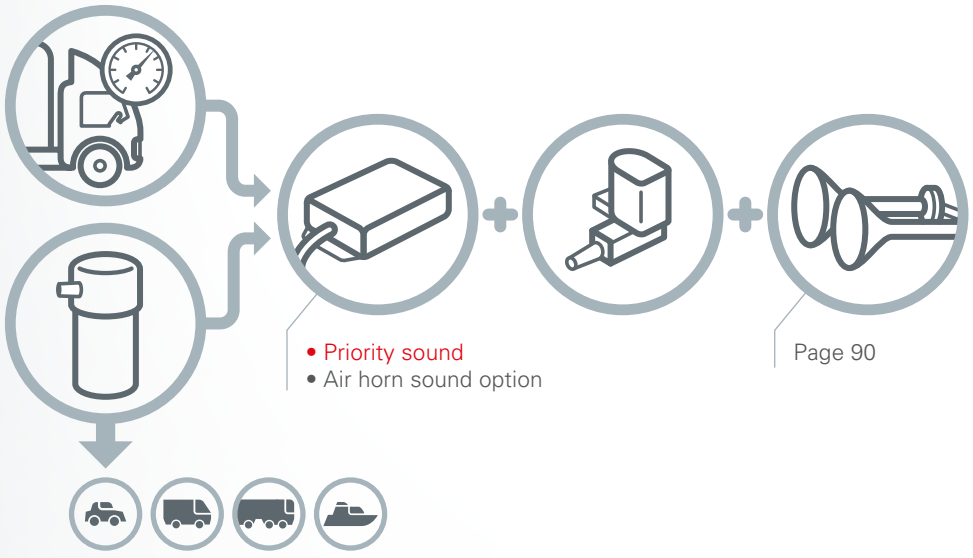
PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

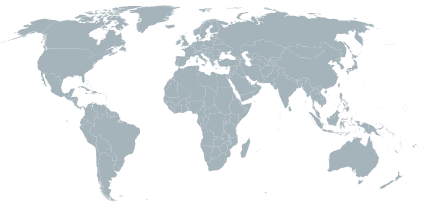
Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schallokalisation der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.





- Priority sound
- Air horn sound option

Page 90

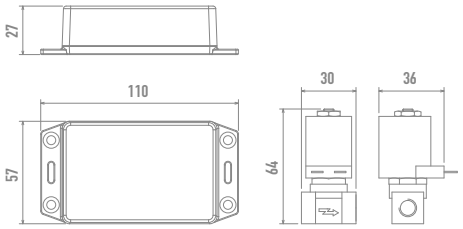


INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SWITZERLAND
BELGIUM
SPAIN
UK

Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN







Type approval
Homologation
Zulassung
Reg.10/National homologation if required

Flame Retardant ABS
Brass

	Voltage Tension Spannung V	Amp. Draw Consommation Stromaufnahme A	Compressed air source	Country Pays Land	Minimum Order Quantity u.	Packaging
PS20 - AMB/POMP - I COD. 951082 KIT OF MODULE + 2 ELECTROVALVES	12	1,5	On-Board air system Dedicated compressor	Italy	16	I4
PS20 - AMB/POMP - I COD. 951083 KIT OF MODULE + 2 ELECTROVALVES	24	0,7	On-Board air system Dedicated compressor	Italy	16	I4
PS20 - EMER - D COD. 951084 KIT OF MODULE + 2 ELECTROVALVES	12	1,5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	I4
PS20 - EMER - D COD. 951085 KIT OF MODULE + 2 ELECTROVALVES	24	0,7	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	I4
PS20 - FEUER - A COD. 951087 KIT OF MODULE + 3 ELECTROVALVES	12	1,5	Dedicated compressor	Austria	16	I4
PS20 - FEUER - A COD. 951088 KIT OF MODULE + 3 ELECTROVALVES	24	0,7	Dedicated compressor	Austria	16	I4
PS20 - FEUER - A COD. 951086 KIT OF MODULE + 2 ELECTROVALVES	24	0,7	On-Board air system	Austria	16	I4
PS20 - HI-LO COD. 951079 KIT OF MODULE + 2 ELECTROVALVES	12	1,5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	I4
PS20 - HI-LO COD. 951080 KIT OF MODULE + 2 ELECTROVALVES	24	0,7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	I4

Trumpets

The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

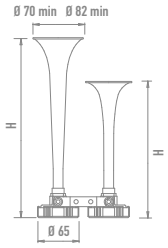
Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innern und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

TRUMPETS
TROMPES
HÖRNER



Metal





	Decibel Décibels Schallpegel dB(A) 2m	Frequency Fréquence Frequenz Hz	Country Pays Land	H mm	Minimum Order Quantity u.	Packaging
TA/2 906-C+SPOILER COD. 920393 SET OF 2 TRUMPETS	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 906-V+SPOILER COD. 920392 SET OF 2 TRUMPETS	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 BL-V COD. 920396 SET OF 2 TRUMPETS	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 BL-C COD. 920629 SET OF 2 TRUMPETS	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 DE-B COD. 920397 SET OF 2 TRUMPETS	117	L = 392 H = 523	Austria	329 262	8	H1
TA/2 GA-V COD. 920615 SET OF 2 TRUMPETS	117	L = 494 H = 660	Netherlands	274 199	8	H1
TA/2 GB-V COD. 920616 SET OF 2 TRUMPETS	117	L = 440 H = 587	Netherlands	297 239	8	H1
TA/2 LE-V COD. 920400 SET OF 2 TRUMPETS	117	L = 466 H = 544	Spain	286 251	8	H1
TA/2 VA-V+SPOILER COD. 920395 SET OF 2 TRUMPETS	117	L = 392 H = 660	Italy	329 199	8	H1
TA/4 906-C+SPOILER COD. 920394 SET OF 4 TRUMPETS	117	L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	8	H2

Emergency

Police Forces



LOW HIGH

		Sound Power	Dimension	Lifespan		
ELECTRONIC SYSTEMS	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker	●●●	●	●●●●	PS10 System	92
ELECTROPNEUMATIC SYSTEMS	Acoustic system composed by a compressor and a set of trumpets	●●●●	●●●	●●●	MC4 System	94
PNEUMATIC SYSTEMS	Acoustic system composed by an electronic control unit and a set of trumpets	●●●●	●	●●●●	PS20 System	98

PS10 System

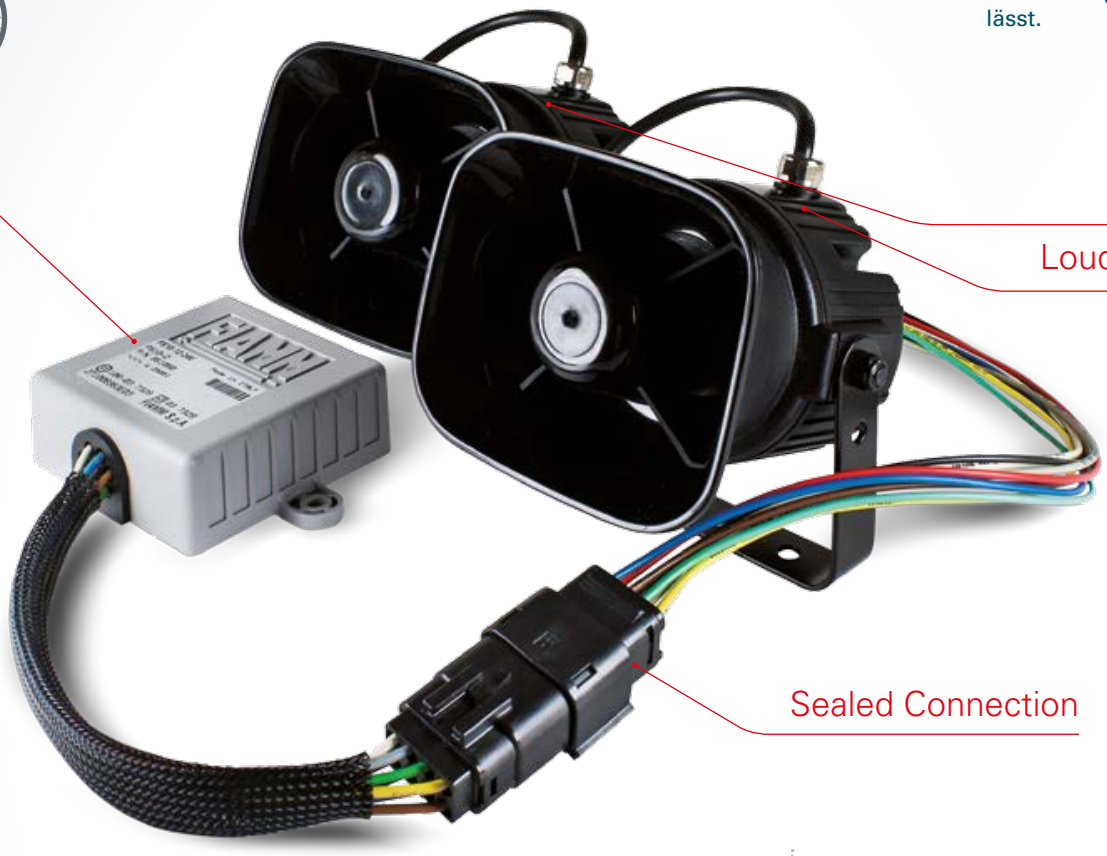
Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

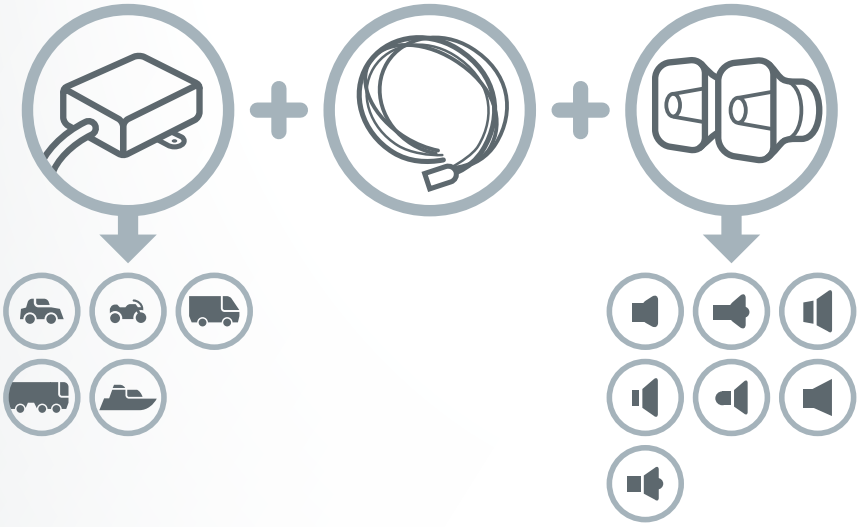
Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.



PS10
12V • 24V





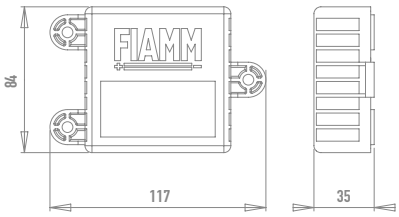


INTERNATIONAL Hi-Lo
AMERICAN SOUND Wail / Yelp
FRANCE
ITALY
GERMANY
AUSTRIA
SWITZERLAND
NETHERLANDS
UK
IBEROAMERICA

Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN







Flame retardant
PBT

Type approval
Homologation
Zulassung
Reg.10/National homologation if required

	Voltage Tension Spannung V	Amp. Draw Consommation Stromaufnahme A	Frequency Fréquence Frequenz Hz	Option	Country Pays Land	Minimum Order Quantity u.	Packaging
PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - GEN-F COD. 951007	12 24	3,5 1,75	L = 435 H = 732	-	France	8	S
PS10 - POL-F COD. 951008	12 24	3,5 1,75	L = 435 H = 580	Jour/Nuit	France	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10 - POL-I COD. 951013	12 24	3,5 1,75	L = 466 H = 622	-	Italy	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

Loud-speakers

The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

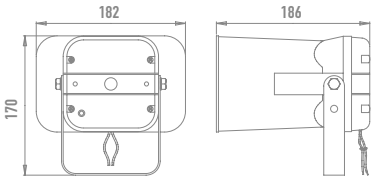
Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innern oder außen am Fahrzeug erhältlich sind.

LOUDSPEAKERS
HAUT-PARLEURS
LAUTSPRECHER

	Voltage Tension Spannung V	Decibel Décibels Schallpegel dB(A) 2m	Nominal power Puissance nominale Betriebleistung W	Peak power Puissance de crête Maximale Leistung W	Impedance Impédance Inpedanz Ohm	Minimum Order Quantity u.	Packaging







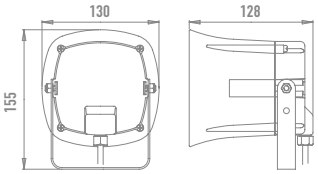
LOUDSPEAKER -FB
COD. 951051

12 24	115	25	40	4	8	F12

ABS/ Ferrite Magnet

Degree of protection: **IP56**







LOUDSPEAKER -FM
COD. 951052

12 24	114	25	40	4	8	G8

Degree of protection: **IP66**

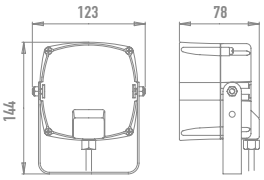
LOUDSPEAKER -FMW
COD. 951077
UV PROTECTION

12 24	114	25	40	4	8	G8

ABS/ Ferrite Magnet

Degree of protection: **IP66**







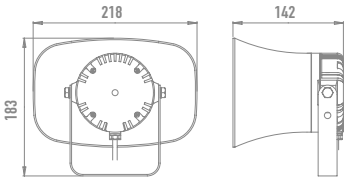
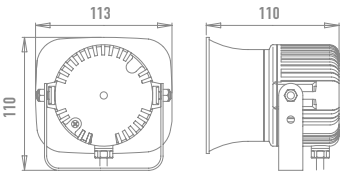
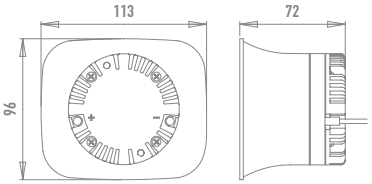
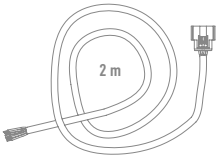
LOUDSPEAKER -FS
COD. 951053

12 24	113	25	40	4	8	G8

ABS/ Ferrite Magnet

Degree of protection: **IP66**

LOUDSPEAKERS
HAUT-PARLEURS
LAUTSPRECHER

	Voltage Tension Spannung V	Decibel Décibels Schallpegel dB(A) 2m	Nominal power Puissance nominale Betriebleistung W	Peak power Puissance de crête Maximale Leistung W	Impedance Impédance Inpedanz Ohm	Minimum Order Quantity u.	Packaging
   LOUDSPEAKER -NB COD. 951054	12 24	117	50	70	4	8	F12
ABS/ Neodymium Magnet				Degree of protection: **IP66**			
   LOUDSPEAKER -NSC COD. 951055	12 24	113	20	30	4	8	G5
ABS/ Neodymium Magnet				Degree of protection: **IP66**			
   LOUDSPEAKER -NS COD. 951056	12 24	113	20	30	4	16	G9
ABS/ Neodymium Magnet				Degree of protection: **IP66**			
   CONNECTION CABLE PS10 COD. 951057				Degree of protection: **IP67**	4	16	I4
ABS							

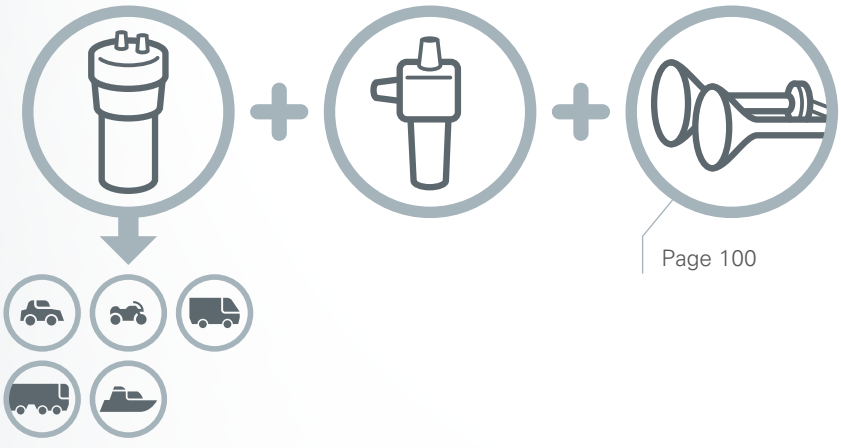
MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

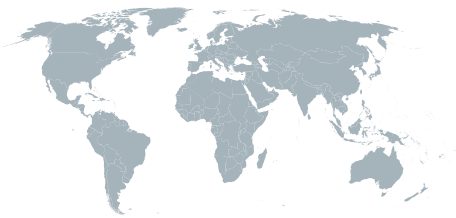
Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.





Page 100

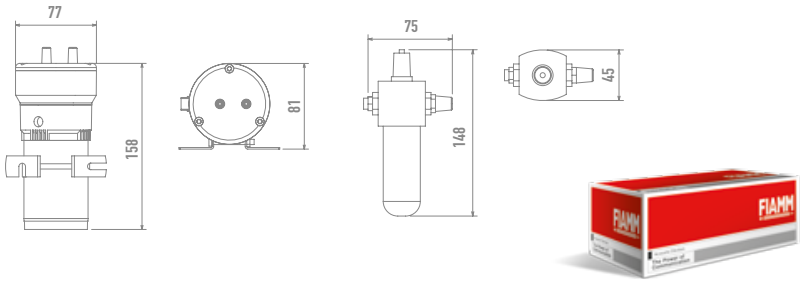


INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SPAIN
SWITZERLAND
NETHERLANDS
UK

Sounds / Sons / Klänge www.fiamm.com/Horns

COMPRESSORS
COMPRESSEURS
GEBLÄSE





Steel/Aluminium

	Voltage Tension Spannung V	Amp. Draw Consommation Stromaufnahme A	Country Pays Land	Type approval Omologation Zulassung	Minimum Order Quantity u.	Packaging
MC4 FD 12V + LUBRICATOR COD. 921116	12	17	Germany - Spain Austria (Amb) Switzerland	National/ Reg.10	16	I11
MC4 FD 24V + LUBRICATOR COD. 921117	24	8	Germany - Spain Austria (Amb) Switzerland	National/ Reg.10	16	I11
MC4 FDS 12V + LUBRICATOR COD. 921084	12	17	Italy	National/ Reg.10	16	I11
MC4 FI 12V + LUBRICATOR COD. 921123	12	17	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	16	I11
MC4 FI 24V + LUBRICATOR COD. 921124	24	8	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	16	I11

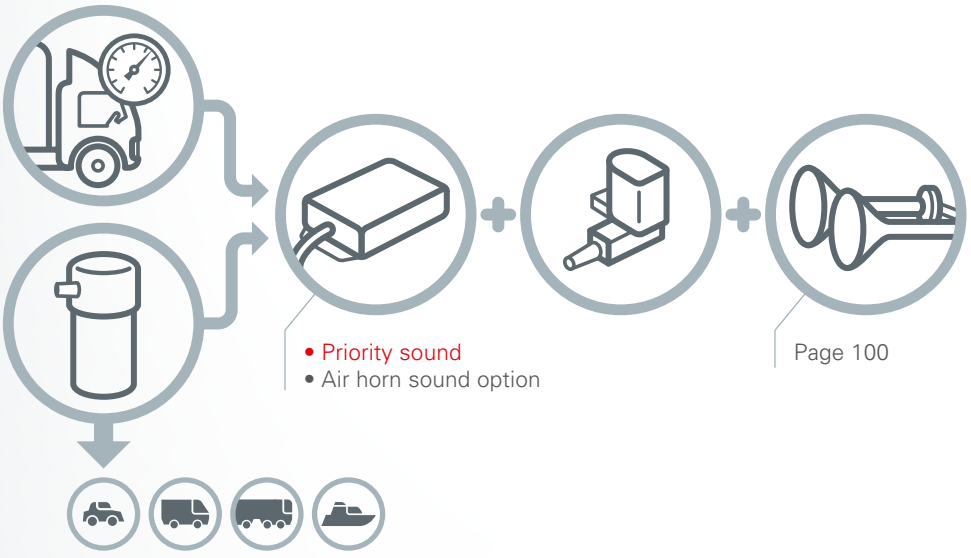
PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

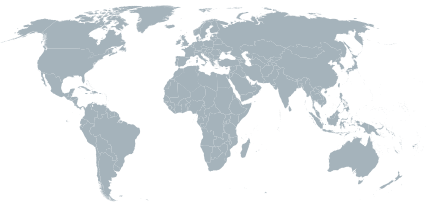
Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schallokalisation der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.





- Priority sound
- Air horn sound option

Page 100

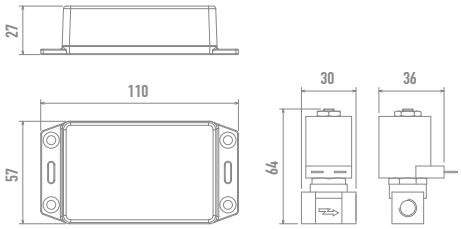


INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SWITZERLAND
BELGIUM
SPAIN
UK

Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN







Type approval
Homologation
Zulassung
Reg.10/National homologation if required

Flame Retardant ABS
Brass

	Voltage Tension Spannung V	Amp. Draw Consommation Stromaufnahme A	Compressed air source	Country Pays Land	Minimum Order Quantity u.	Packaging
PS20 - EMER - D COD. 951084 KIT OF MODULE + 2 ELECTROVALVES	12	1,5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	I4
PS20 - EMER - D COD. 951085 KIT OF MODULE + 2 ELECTROVALVES	24	0,7	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	I4
PS20 - HI-LO COD. 951079 KIT OF MODULE + 2 ELECTROVALVES	12	1,5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	I4
PS20 - HI-LO COD. 951080 KIT OF MODULE + 2 ELECTROVALVES	24	0,7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	I4
PS20 - POL - I COD. 951081 KIT OF MODULE + 2 ELECTROVALVES	12	1,5	On-Board air system Dedicated compressor	Italy	16	I4

Trumpets

The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

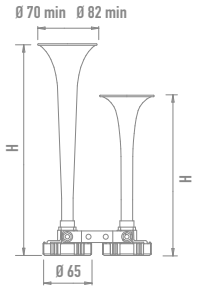
Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innern und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

TRUMPETS
TROMPES
HÖRNER



Metal





	Decibel Décibels Schallpegel dB(A) 2m	Frequency Fréquence Frequenz Hz	Country Pays Land	H mm	Minimum Order Quantity u.	Packaging
TA/2 906-C+SPOILER COD. 920393 SET OF 2 TRUMPETS	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 906-V+SPOILER COD. 920392 SET OF 2 TRUMPETS	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 BL-V COD. 920396 SET OF 2 TRUMPETS	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 BL-C COD. 920629 SET OF 2 TRUMPETS	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 LE-V COD. 920400 SET OF 2 TRUMPETS	117	L = 466 H = 544	Spain	286 251	8	H1
TA/4 906-C+SPOILER COD. 920394 SET OF 4 TRUMPETS	117	L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	8	H2

Emergency
Ambulances



LOW HIGH

		Sound Power	Dimension	Lifespan		
ELECTRONIC SYSTEMS	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker	●●●	●	●●●●	PS10 System	102
ELECTROPNEUMATIC SYSTEMS	Acoustic system composed by a compressor and a set of trumpets	●●●●	●●●	●●●	MC4 System	106
PNEUMATIC SYSTEMS	Acoustic system composed by an electronic control unit and a set of trumpets	●●●●	●●	●●●●	PS20 System	108

PS10 System

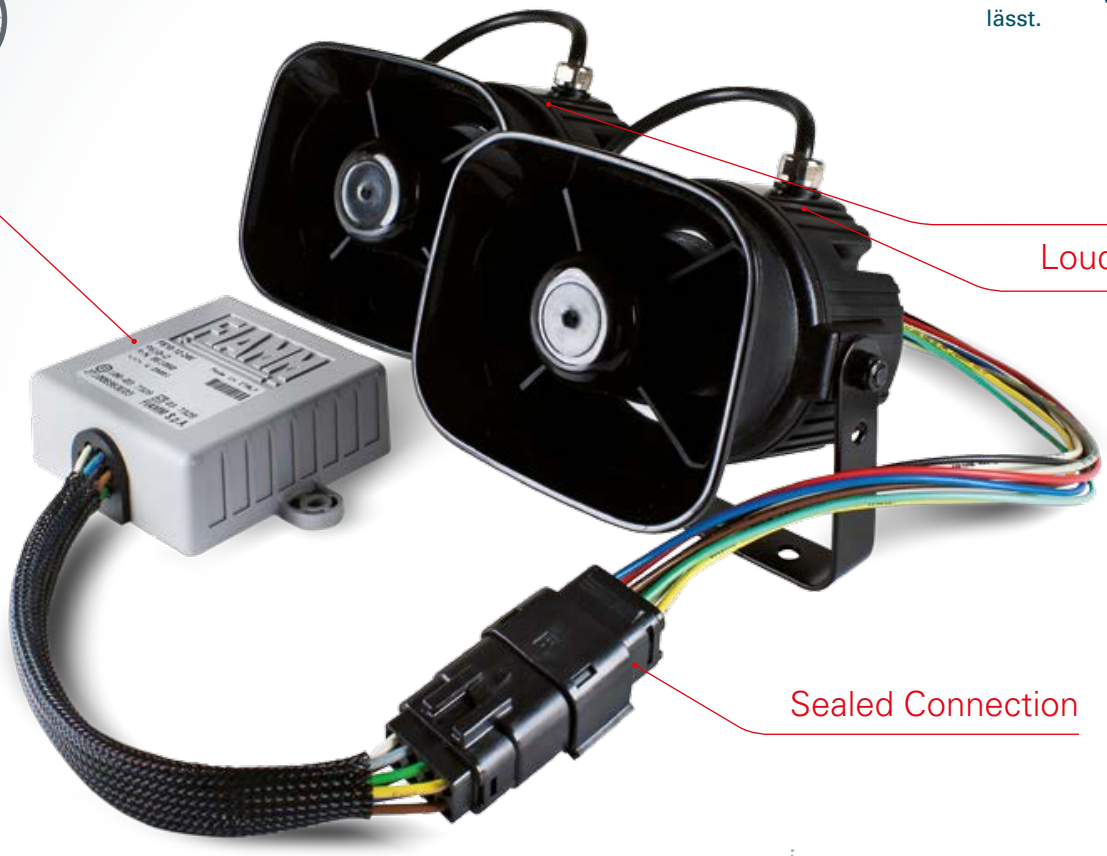
Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

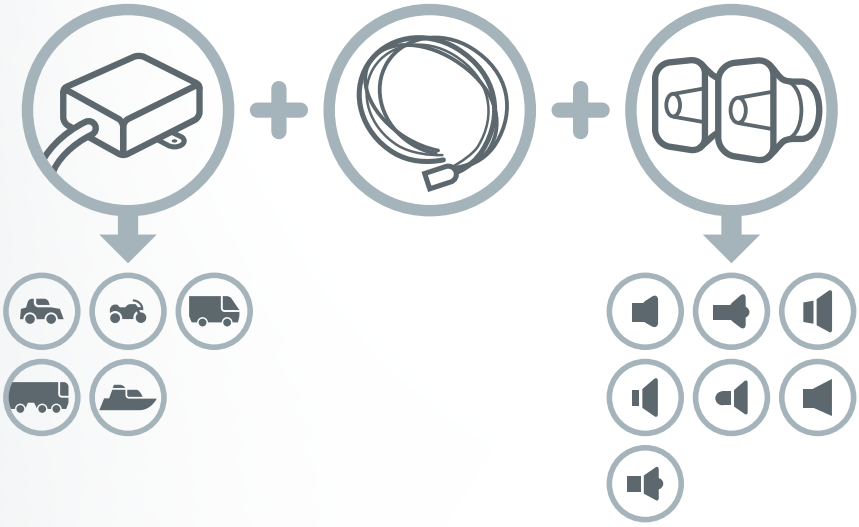
Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.



PS10
12V • 24V





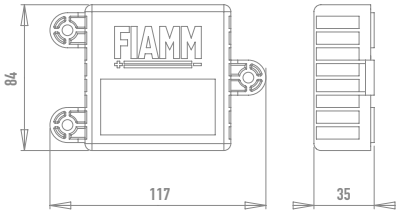


INTERNATIONAL Hi-Lo
AMERICAN SOUND Wail / Yelp
FRANCE
ITALY
GERMANY
AUSTRIA
SWITZERLAND
NETHERLANDS
UK
IBEROAMERICA

Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN







Type approval
Homologation
Zulassung
Reg.10/National homologation if required

Flame retardant
PBT

	Voltage Tension Spannung V	Amp. Draw Consommation Stromaufnahme A	Frequency Fréquence Frequenz Hz	Option	Country Pays Land	Minimum Order Quantity u.	Packaging
PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - AMB-A COD. 951046	12 24	3,5 1,75	L = 450 H = 600	-	Austria	8	S
PS10 - AMB-POMP-I COD. 951001	12 24	3,5 1,75	L = 392 H = 660	-	Italy	8	S
PS10 - AMB-POMP-WY-I COD. 951062	12 24	3,5 1,75	L = 392 H = 523	Wail/Yelp	Italy	8	S
PS10 - EMER-B COD. 951078	12 24	3,5 1,75	L = 440 H = 495	Day/Night	Belgium	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - AMB-F COD. 951004	12 24	3,5 1,75	L = 420 H = 516	-	France	8	S
PS10 - AMB-UMH-F COD. 951059	12 24	3,5 1,75	-	Ambulance UMH Jour/ Nuit	France	8	S
PS10 - UMH-F COD. 951006	12 24	3,5 1,75	L = 435 H = 651	Jour/Nuit	France	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

Loud-speakers

The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

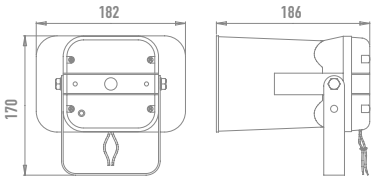
Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innern oder außen am Fahrzeug erhältlich sind.

LOUDSPEAKERS
HAUT-PARLEURS
LAUTSPRECHER

	Voltage Tension Spannung V	Decibel Décibels Schallpegel dB(A) 2m	Nominal power Puissance nominale Betriebleistung W	Peak power Puissance de crête Maximale Leistung W	Impedance Impédance Inpedanz Ohm	Minimum Order Quantity u.	Packaging







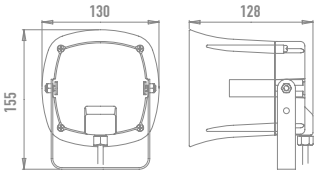
LOUDSPEAKER -FB
COD. 951051

12 24	115	25	40	4	8	F12

Degree of protection: **IP56**

ABS/ Ferrite Magnet







LOUDSPEAKER -FM
COD. 951052

12 24	114	25	40	4	8	G8

Degree of protection: **IP66**

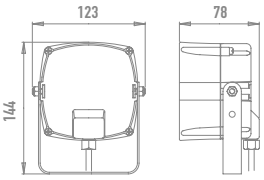
LOUDSPEAKER -FMW
COD. 951077
UV PROTECTION

12 24	114	25	40	4	8	G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet







LOUDSPEAKER -FS
COD. 951053

12 24	113	25	40	4	8	G8

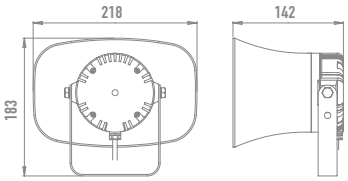
Degree of protection: **IP66**

ABS/ Ferrite Magnet

LOUDSPEAKERS
HAUT-PARLEURS
LAUTSPRECHER

	Voltage Tension Spannung V	Decibel Décibels Schallpegel dB(A) 2m	Nominal power Puissance nominale Betriebleistung W	Peak power Puissance de crête Maximale Leistung W	Impedance Impédance Inpedanz Ohm	Minimum Order Quantity u.	Packaging







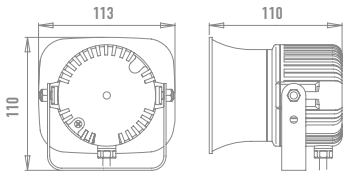
LOUDSPEAKER -NB
COD. 951054

12 24	117	50	70	4	8	F12

ABS/ Neodymium Magnet

Degree of protection: **IP66**







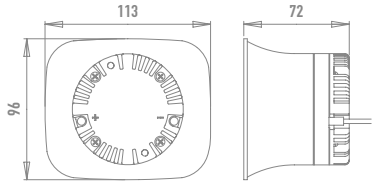
LOUDSPEAKER -NSC
COD. 951055

12 24	113	20	30	4	8	G5

ABS/ Neodymium Magnet

Degree of protection: **IP66**







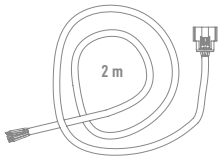
LOUDSPEAKER -NS
COD. 951056

12 24	113	20	30	4	16	G9

ABS/ Neodymium Magnet

Degree of protection: **IP66**







CONNECTION CABLE PS10
COD. 951057

Degree of protection: **IP67**	4	16	I4

ABS

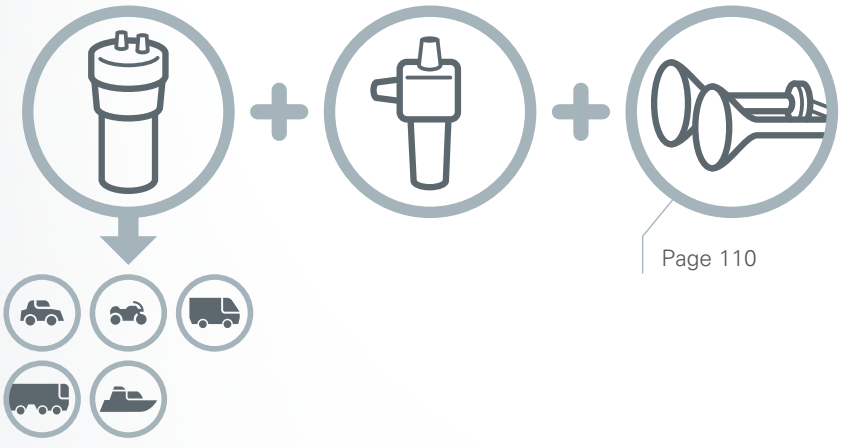
MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

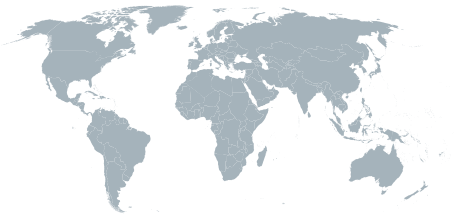
Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.





Page 110

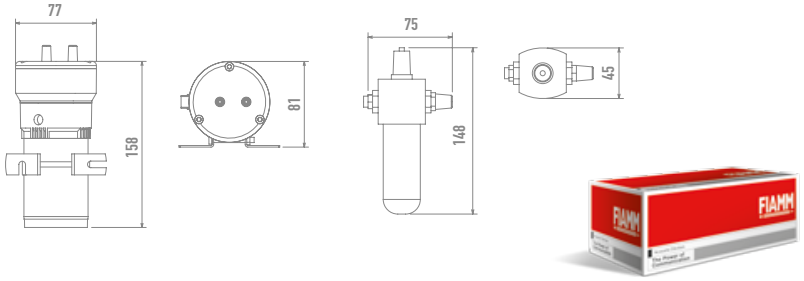


INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SPAIN
SWITZERLAND
NETHERLANDS
UK

Sounds / Sons / Klänge www.fiamm.com/Horns

COMPRESSORS
COMPRESSEURS
GEBLÄSE





Steel/Aluminium

	Voltage Tension Spannung V	Amp. Draw Consommation Stromaufnahme A	Country Pays Land	Type approval Omologation Zulassung	Minimum Order Quantity u.	Packaging
MC4 FD 12V + LUBRICATOR COD. 921116	12	17	Germany - Spain Austria (Amb) Switzerland	National/ Reg.10	16	I11
MC4 FI 12V + LUBRICATOR COD. 921123	12	17	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	16	I11
MC4 FI 24V + LUBRICATOR COD. 921124	24	8	United Kingdom International Hi-Lo Belgium	Reg. 10 ECE	16	I11
MC4 FVA 12V + LUBRICATOR COD. 921077	12	17	Italy	National/ Reg.10	16	I11

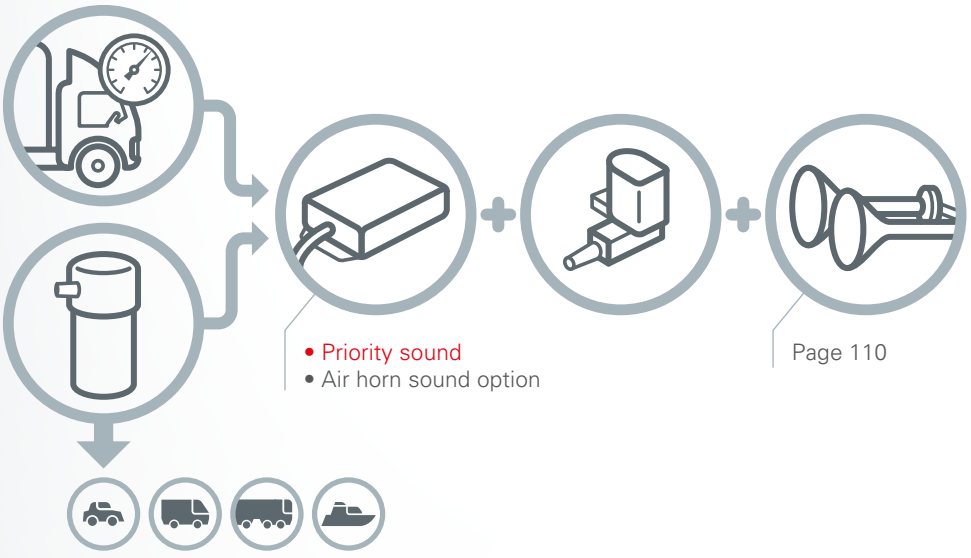
PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

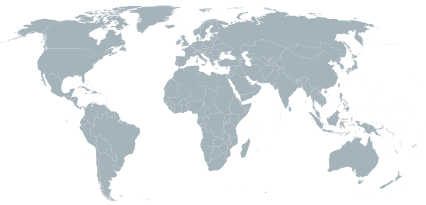
Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schallokalisation der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.





- Priority sound
- Air horn sound option

Page 110

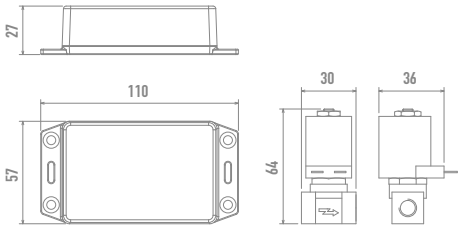


INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SWITZERLAND
BELGIUM
SPAIN
UK

Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN







Type approval
Homologation
Zulassung
Reg.10/National homologation if required

Flame Retardant ABS
Brass

	Voltage Tension Spannung V	Amp. Draw Consommation Stromaufnahme A	Compressed air source	Country Pays Land	Minimum Order Quantity u.	Packaging
PS20 - AMB/POMP - I COD. 951082 KIT OF MODULE + 2 ELECTROVALVES	12	1,5	On-Board air system Dedicated compressor	Italy	16	I4
PS20 - EMER - D COD. 951084 KIT OF MODULE + 2 ELECTROVALVES	12	1,5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	I4
PS20 - HI-LO COD. 951079 KIT OF MODULE + 2 ELECTROVALVES	12	1,5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	I4
PS20 - HI-LO COD. 951080 KIT OF MODULE + 2 ELECTROVALVES	24	0,7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	I4

Trumpets

The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

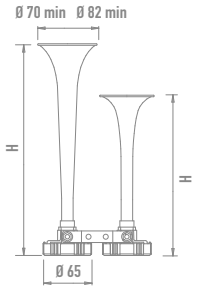
Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innern und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

TRUMPETS
TROMPES
HÖRNER



Metal





	Decibel Décibels Schallpegel dB(A) 2m	Frequency Fréquence Frequenz Hz	Country Pays Land	H mm	Minimum Order Quantity u.	Packaging
TA/2 906-C+SPOILER COD. 920393 SET OF 2 TRUMPETS	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 906-V+SPOILER COD. 920392 SET OF 2 TRUMPETS	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 BL-V COD. 920396 SET OF 2 TRUMPETS	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 BL-C COD. 920629 SET OF 2 TRUMPETS	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 LE-V COD. 920400 SET OF 2 TRUMPETS	117	L = 466 H = 544	Spain	286 251	8	H1
TA/2 VA-V+SPOILER COD. 920395 SET OF 2 TRUMPETS	117	L = 392 H = 660	Italy	329 199	8	H1
TA/4 906-C+SPOILER COD. 920394 SET OF 4 TRUMPETS	117	L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	8	H2